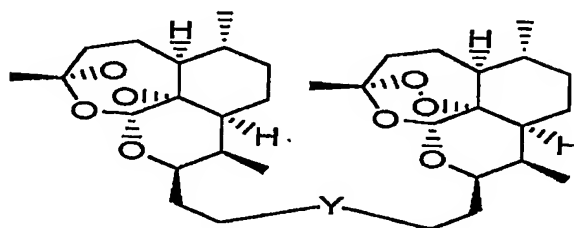


Claims

1. (Original) A deoxoartemisinin analog of the following formula:

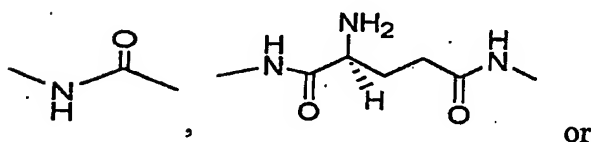
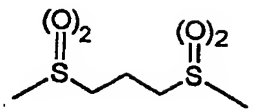


5

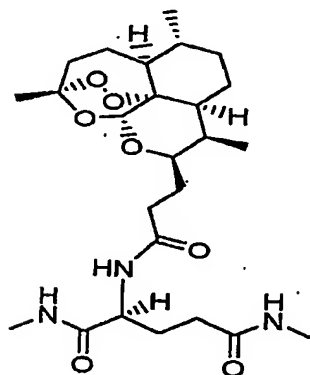
wherein

Y is -S-,

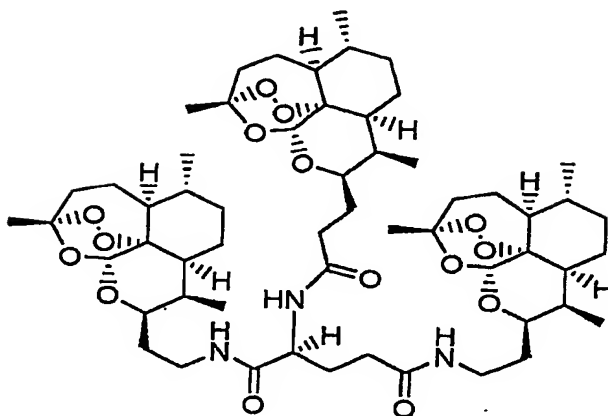
-SO₂-,



or



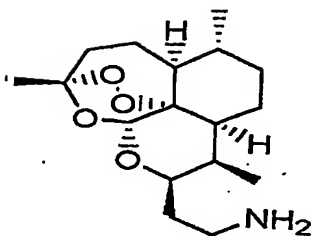
2. (Original) A method for preparing deoxoartemisinin trimer of the following
10 formula, said method comprising the steps of: (a) coupling
12-carboxylethyldeoxoartemisinin with L-glutamic diethylester; (b) hydrolyzing two ester
groups of the product from said step (a); and (c) doubly coupling the product from said
step (b) with 2 moles of 12-aminoethyldeoxoartemisinin:



3. (Original) The method as claimed in claim 2, wherein said coupling reaction is carried in the presence of 1-ethyl-3-(3-dimethylaminopropyl)carbodiimide and 10-hydroxybenzotriazole (EDC/HOBt).

4. (Canceled)

5. (Original) A method for preparing 12-aminoethyldeoxoartemisinin of the following formula, said method comprising the steps of: (a) hydroborative oxidizing a terminal olefin of 12-vinyldihydroartemisinin alcohol; (b) brominating the product from said step (a) with $\text{CBr}_4/\text{PPh}_3$; (c) photooxygenative cyclizing the product from said step (b); (d) reacting the product from said step (c) with sodium azide; and (e) reducing an azide group of the product from said step (d):



6. (Original) An anticancer agent comprising said deoxoartemisinin analog as claimed in claim 1.

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AMENDED SHEET (ART. 34)